

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/101,423B

DATE: 01/23/2001

TIME: 12:21:16

Input Set : A:\Pto.amc

Output Set: N:\CRF3\01232001\I101423B.raw

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80	ccattggagg aagcaggctg cactgtctac cacaagtggc actttccaaa gggcacacat	660
82	atattggagc aagacattt gctggctgac tgggtctgtg taagctgata aactgctata	720
84	tttattaaac tggctttctt ttgacacaccc cactcaagga aaaaaaaaaaca cacttaggg	780
86	gacatttattt ggagatgaag tctttataga gatgcttaag tttaaacggg acttttaaag	840
88	ccggctctat tccatattaat gaatgggtgc cctacaagg aagaaactgg gacagaggta	900
90	tgtacacttg tgggtgtgtg agagacaacg tgaggagctg aagaggagca cgtacaagtc	960
92	agagaaaggc tgacccttat tcacactgaa caaaccaggc atgtgtgggt cgatagatga	1020
94	gagtatcccc caagactcac acattcgaac gcttggtc	1058
96	<210> SEQ ID NO: 3	
97	<211> LENGTH: 1008 base pairs	
98	<212> TYPE: DNA	
99	<213> ORGANISM: Homo sapiens	
101	<400> SEQUENCE: 3	
102	aggaccagag ttcacatccc atcaaattggc ccagaagggtt ttaatgctgt cttttggccc	60
104	aggggcgaac tgcacacaca tggcacata cactacaga gacacacatt cagcagcata	120
106	agaacacaat cacaataaa aaaaatctt aaaaattttt agctaaaattt gttaaagaaat	180
108	aacatatata caatttttctt ttatttttt aaagattttt ttatttatg tataatgatgt	240
110	cactgcctctt ccctccagac atagcgtac agggcatcggtt atcccattac agatgggtgt	300
112	gagccaccat gtgggttcac agatgggtgt gagccaccat gtgggttcag gaattgaact	360
114	caggacctt ggaagagcag tcagtgtctt taacctctaa gccatctctc ctgaccctta	420
116	tatacaattt taatgtctacg tacacacaac ttctctttcc tttatgggtt gagattttg	480
118	tctggagaag taagaataaa ggagggaaag aacattgtttt tcaacattgca ccagtggaa	540
120	cagcgtgtttt aaagtaggaa tggcatgaaa tgactggctt gccttctcat tactgttct	600
122	cccaactctc cttttactgtt gagcttcattt atctaattt ttagtttgc gataccagg	660
124	gttttcttctt gttttgtatctt tttttagaca gagactcacc atatagccctt ggctggcctg	720
126	aagctcaacta tggtagaccag tctggcctt aactcaaagg agatctatot gtttcttagt	780
128	gctgggatta aaggctgtgtt ctaccaagtc tgggtctgagg ctttggagca gcctcggtt	840
130	tggccttctt taaggatctc taagctgac gtaagtagcc tagccatgtt gttttaggaa	900
132	gttggcgtt catcctggctt ccagcacaaa ggcagtcactt aaacgtcgcc ctcatatttcat	960
134	cagagctgaa tggcaattcc ttgtgtctt cctgtgtctt cctggaaac	1008
136	<210> SEQ ID NO: 4	
137	<211> LENGTH: 1088 base pairs	
138	<212> TYPE: DNA	
139	<213> ORGANISM: Homo sapiens	
141	<400> SEQUENCE: 4	
142	agggtgggac acagcttgcgtt tgatggat gtttcttggg aaaaggagtt aagcctaattg	60
144	atttccaaatg gaaaggactg ctaattgggg aggcaatgtt gcttaattgg gacacctgcg	120
146	ggttaattaaa agctctctcc cagtggcctt tctgtttt ggtctctggg ggcgaaggca	180
148	ttgagaggga tgcaggcattt ctaagggtgtt gttcttgggtt tctcccttcc cctctgtcca	240
150	aactcgtgtt ggtatccctt tctgtgtctgtt ccttagagtg cgcgtcttagt gccttggta	300
152	gtttaagggtctt ctggatctgtt gtcgtctcgtt ggaaacgcgtt gagcttcatgtt gaaaggggag	360
154	aaccaggcaa aggtgttgc tggatctgtt gatattctgtt gggcaaaagggtt tcaaggctaa	420
156	ctctcattat agagcaatgtt tgagactggc ctggaaacaa aatataaaag tgagtgagg	480
158	catatgacag cacctggggat gtcgtcttcc tagagatcat aaggacctgg cttgtgggaa	540
160	cttggatctt gttgtcgagat aggggacat cccctggatgtt ggaggccctg	600
162	gaagatcctc tggatataact gtggatctgtt attgtgtctt tataatgtt gttgtgtgtt	660
164	tatctgttac acatctgtt ggtgtatgtt ttcatgggtt ttatctgtt gggatgtt	720
166	cctggggat aagaaggact ggtgtccat aacatgtt taaatgtt gggatgtt	780
168	ccattatggaa ctatcataac tgagtgccagg tatcaagaat actttatgtt gttgtaaaaaa	840

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170	gattttgaa	tgcgcacacg	ccaaaactga	actcaaaaat	caagcatggc	atggatcctg	900
172	ggtgctcctg	gaagcacttg	ccttactgc	attgtgcac	ttgacggtag	ccttgggtat	960
174	gaatgcacaa	cacgtggct	ttgggctgca	caggccacca	cgccgtgcct	gaaacacactc	1020
176	agctcaggtt	tgtggctatg	tcctatgact	tggacttact	tttattgcac	atataaatat	1080
178	tttcctgc	1088					
180	<210>	SEQ ID NO: 5					
181	<211>	LENGTH: 960	base pairs				
182	<212>	TYPE: DNA					
183	<213>	ORGANISM: Homo sapiens					
185	<400>	SEQUENCE: 5					
186	gaggggtgg	tggcacagtt	atgttttgt	aggaagggtt	ccatgaacct	cagcagagct	60
188	cgggttagaa	atttaaaaagc	cctgagggga	atttttttt	taaatcgcta	tgaatctgac	120
190	atgagaaaaa	cagatcagaa	acgttcttgc	gtttcagaaaa	aggacaagtgc	tgtgagctaa	180
192	cagactgcac	actgggtttc	gaggcacatc	tggatcacag	gagcgtcaga	taatgtcccc	240
194	aaaggtaaat	gcatttgctt	gcacagtacc	gagtgtggtag	gggggtgcct	acagccacgc	300
196	ggttctcaac	cttcctgtat	cttcgaccct	ttaatacagt	gcctcatgct	ctggtgacact	360
198	ccccaacctt	aaaattat	ttgttgctgt	tcataactgt	gattttgata	ctgttatgaa	420
200	ttgtaatata	aataat	tttgccagg	tttgccagg	tttgagaac	tgctgttcta	480
202	gccccacgtg	gatgttttt	cgtcatttgg	ggttttatg	aggcagagtc	ttatgttagcc	540
204	caggctagca	gcctagaat	tgcctacttag	ctgaggaata	accttggaaac	ttctgaggac	600
206	tggagagact	ggcttagtcc	tcaagaaact	ggaaatagct	ggagtttggc	tacttgtgg	660
208	ttccttttcc	ttcaaacctt	ttctactt	tttccacccct	gtcgcccccc	taacactaaa	720
210	taagaaagag	aaaggggagc	atagagggga	aaagaaaccc	ctgaataacg	tcagtagttg	780
212	gcaaaggggg	gtgacatat	ttgtcattag	accacatctt	ggtgattaag	gggagtcaag	840
214	ttccttgggg	caagttgtat	cttcgtgt	acgatatact	atttcttctc	cctgttgctt	900
216	cgtcttgcgt	aacaacact	tgataaccca	aatggacca	tcaaccaacc	aaccaaccat	960
218	<210>	SEQ ID NO: 6					
219	<211>	LENGTH: 1090	base pairs				
220	<212>	TYPE: DNA					
221	<213>	ORGANISM: Homo sapiens					
223	<400>	SEQUENCE: 6					
224	ttgtctctgg	ttgtacttgc	tttcccattt	ctgacagtgg	tttgacccctt	tatacgccctg	60
226	ttgtcagga	ttgtctgtat	ccatattttcc	ttgtttcttt	cagccagtt	caggaacaga	120
228	ttgttctact	ttgtcagatgt	ttgtgtttcc	ttgtccactga	ttttcaagct	gtctctgtgt	180
230	ttgttctact	ttgtcagatgt	ttgtgtttcc	ttgtccactga	ttttcaagct	gtctctgtgt	240
232	ttgttctact	ttgttctact	ttgttctact	ttgttctact	ttgttctact	ttgttctact	300
234	ttgttctact	ttgttctact	ttgttctact	ttgttctact	ttgttctact	ttgttctact	360
236	ttgttctact	ttgttctact	ttgttctact	ttgttctact	ttgttctact	ttgttctact	420
238	ttgttctact	ttgttctact	ttgttctact	ttgttctact	ttgttctact	ttgttctact	480
240	ttgttctact	ttgttctact	ttgttctact	ttgttctact	ttgttctact	ttgttctact	540
242	ttgttctact	ttgttctact	ttgttctact	ttgttctact	ttgttctact	ttgttctact	600
244	ttgttctact	ttgttctact	ttgttctact	ttgttctact	ttgttctact	ttgttctact	660
246	ttgttctact	ttgttctact	ttgttctact	ttgttctact	ttgttctact	ttgttctact	720
248	ttgttctact	ttgttctact	ttgttctact	ttgttctact	ttgttctact	ttgttctact	780
250	ttgttctact	ttgttctact	ttgttctact	ttgttctact	ttgttctact	ttgttctact	840
252	ttgttctact	ttgttctact	ttgttctact	ttgttctact	ttgttctact	ttgttctact	900
254	ttgttctact	ttgttctact	ttgttctact	ttgttctact	ttgttctact	ttgttctact	960
256	ttgttctact	ttgttctact	ttgttctact	ttgttctact	ttgttctact	ttgttctact	1020
258	ttgttctact	ttgttctact	ttgttctact	ttgttctact	ttgttctact	ttgttctact	1080

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Input Set : A:\Pto.amc  
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260 tgcatccaca 1090  
262 <210> SEQ ID NO: 7  
263 <211> LENGTH: 45 base pairs  
264 <212> TYPE: DNA  
265 <213> ORGANISM: Homo sapiens  
267 <400> SEQUENCE: 7  
269 aatccaagct tgcggccat cagggcgaat atgcggccgc attat 45  
271 <210> SEQ ID NO: 8  
272 <211> LENGTH: 47 base pairs  
273 <212> TYPE: DNA  
274 <213> ORGANISM: Homo sapiens  
W--> 275 <400> SEQUENCE: 8 47  
277 agctataatg cggccgcata ttcggcctga tcggccgcaa gcttgga

VERIFICATION SUMMARY

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Input Set : A:\Pto.amc

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L:5 M:283 W: Missing Blank Line separator, <120> field identifier  
L:6 M:283 W: Missing Blank Line separator, <130> field identifier  
L:7 M:283 W: Missing Blank Line separator, <140> field identifier  
L:11 M:283 W: Missing Blank Line separator, <160> field identifier  
L:59 M:283 W: Missing Blank Line separator, <400> field identifier  
L:275 M:283 W: Missing Blank Line separator, <400> field identifier